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PATENT APPLICATION  
ATTORNEY DOCKET NO. 10991398-1

#2/15/02  
9/14/02

IN THE  
UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor(s): Diane D. Ilsley et al.

Serial No.: unassigned

Examiner: unassigned

Filing Date: Herewith

Group Art Unit: n/a

Title: Methods for Depositing Small Volumes of Protein Fluids Onto the Surface of A Substrate

COMMISSIONER FOR PATENTS  
Washington, D.C. 20231

INFORMATION DISCLOSURE STATEMENT

Sir:

This Information Disclosure Statement is submitted:

- ☒ under 37 CFR 1.97(b), or  
(Within three months of filing national application; or date of entry of national application; or before mailing date of first office action on the merits; whichever occurs last)
- ☐ under 37 CFR 1.97 (c) together with either a:  
☐ Statement under 37 CFR 1.97(e), or  
☐ a \$180.00 fee under 37 CFR 1.17(p), or  
(After the CFR 1.97 (b) time period, but before final action or notice of allowance, whichever occurs first)
- ☐ under 37 CFR 1.97 (d) together with a:  
☐ Statement under 37 CFR 1.97(e), and  
☐ a petition under 37 CFR 1.97(d)(2), and  
☐ a \$130.00 petition fee set forth in 37 CFR 1.17(i).  
(Filed after final action or notice of allowance, whichever occurs first, but before payment of the issue fee)

Please charge to Deposit Account 50-1078 the sum of \$0.00. At any time during the pendency of this application, please charge any fees required or credit any overpayment to Deposit Account 50-1078 pursuant to 37 CFR 1.25.

☒ Applicant(s) submit herewith Form PTO 1449 - Information Disclosure Citation together with copies, of patents, publications or other information of which applicant(s) are aware, which applicant(s) believe(s) may be material to the examination of this application and for which there may be a duty to disclose in accordance with 37 CFR 1.56.

☐ A concise explanation of the relevance of foreign language patents, foreign language publications and other foreign language information listed on PTO Form 1449, as presently understood by the individuals(s) designated in 37 CFR 1.56 (c) most knowledgeable about the content is given on the attached sheet, or where a foreign language patent is cited in a search report or other action by a foreign patent office in a counterpart foreign application, an English language version of the search report or action which indicates the degree of relevance found by the foreign office is listed on form PTO 1449 and is enclosed herewith.

It is requested that the information disclosed herein be made of record in this application.

Respectfully submitted,

Diane D. Ilsley et al.

By

Bret Field for Gordon Stewart

Attorney/Agent for Applicant(s)  
Reg. No. 37,620

Date: July 31, 2001

I hereby certify that this correspondence is being deposited with the United States Postal Service as Express mail in an envelope addressed to: Commissioner for Patents, Washington, D.C. 20231. ELA 23483734 US

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**INFORMATION DISCLOSURE CITATION**  
 FORM PTO-1449 (Modified)  
 (Use several sheets if necessary)

ATTY. DOCKET NO.  
10991398-1

SERIAL NO.  
N/A

APPLICANT

Diane D. Ilsley et al.

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GROUP

N/A

U.S. PTO  
09/919643



**U.S. PATENT DOCUMENTS**

Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
	AA	4,877,745	10/31/89	Hayes et al.			
	AB	5,073,495	12/17/91	Anderson			
	AC	5,200,051	04/06/93	Cozzette et al.			
	AD	5,338,688	08/16/94	Deeg et al.			
	AE	5,449,754	09/12/95	Nishioka			
	AF	5,474,796	12/12/95	Brennan			
	AG	5,658,802	08/19/97	Hayes et al.			
	AH	5,700,637	12/23/97	Southern			
	AI	5,751,839	5/12/98	Drocourt et al.			
	AJ	5,891,394	04/06/99	Drocourt et al.			
	AK	5,958,342	09/28/99	Gamble et al.			
	AL	6,221,653 B1	04/24/01	Caren et al.			

**FOREIGN PATENT DOCUMENTS**

		Document Number	Date	Country	Class	Subclass	Translation

**OTHER ART** (Including Author, Title, Date, Pertinent Pages, Etc.)

AM	Graves et al. (1998) "System for preparing microhybridization arrays on glass slides" <i>Anal. Chem.</i> (1998) Vol. 70:5085-5092.
AN	Okamoto et al. (2000) "Microarray fabrication with covalent attachment of DNA using Bubble Jet technology" <i>Nature Bio.</i> Vol. 18:438-441.
AO	Roda et al. (2000) "Protein microdeposition using a conventional ink-jet printer" <i>BioTechniques</i> Vol. 28:492-496.
AP	Yershov et al. (1996). "DNA analysis and diagnostics on oligonucleotide microchips" <i>Proc. Natl. Acad. Sci. USA</i> Vol. 93:4913-4918.

**EXAMINER**

**DATE CONSIDERED**

**EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.